

Water-Data Report 2008

09143500 SURFACE CREEK AT CEDAREGE, CO

Gunnison Basin
Lower Gunnison Subbasin

LOCATION.--Lat 38°54'06", long 107°55'14" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.20, T.13 S., R.94 W., Delta County, CO, Hydrologic Unit 14020005, on left bank at Cedaredge, 700 ft east of State Highway 65, and 8.5 mi upstream from mouth.

DRAINAGE AREA.--39.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1916 to September 1999. October 1999 to current year (seasonal records only). Monthly discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WRD CO-83-2: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry and concrete control. Elevation of gage is 6,220 ft above NGVD of 1929, from topographic map. Prior to June 8, 1917, nonrecording gage at present site at datum 0.50 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Natural flow of stream affected by diversions to and from nearby streams, many small storage reservoirs, diversions for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,190 ft³/s, May 13, 1941, gage height, 2.50 ft, from rating curve extended above 640 ft³/s; maximum gage height, 3.11 ft, May 22, 2005; minimum daily, no flow at times some years.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge, 464 ft³/s, May 20, gage height, 2.75 ft; minimum daily, 5.3 ft³/s, Nov. 11.

09143500 SURFACE CREEK AT CEDAREDGE, CO—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	7.4	---	---	---	---	11	92	202	46	33	29
2	30	6.9	---	---	---	---	11	64	233	49	35	30
3	20	6.2	---	---	---	---	14	55	240	49	38	26
4	19	6.5	---	---	---	---	16	63	198	48	34	25
5	42	5.9	---	---	---	---	18	108	150	54	32	20
6	28	5.9	---	---	---	---	14	148	118	57	29	17
7	21	6.0	---	---	---	---	14	144	148	53	38	16
8	20	5.8	---	---	---	---	15	183	172	52	42	18
9	19	5.6	---	---	---	---	19	134	156	49	41	20
10	19	6.0	---	---	---	---	15	122	159	48	36	18
11	18	5.3	---	---	---	---	13	143	165	47	35	16
12	16	5.7	---	---	---	---	12	136	128	42	35	21
13	16	5.7	---	---	---	---	13	98	104	e41	27	15
14	17	5.9	---	---	---	---	25	71	112	e46	25	14
15	17	---	---	---	---	---	46	86	122	e47	20	13
16	16	---	---	---	---	---	53	121	131	e39	16	14
17	16	---	---	---	---	---	39	172	129	39	16	14
18	15	---	---	---	---	---	46	207	123	41	18	13
19	17	---	---	---	---	---	75	232	126	40	20	15
20	19	---	---	---	---	---	91	283	120	37	16	15
21	19	---	---	---	---	---	83	304	106	37	15	15
22	16	---	---	---	---	---	95	190	97	35	19	15
23	17	---	---	---	---	---	114	174	94	36	19	14
24	19	---	---	---	---	---	96	123	96	38	19	13
25	19	---	---	---	---	---	75	90	e97	32	20	14
26	18	---	---	---	---	---	75	79	e83	29	19	15
27	14	---	---	---	---	14	85	94	e71	29	19	12
28	14	---	---	---	---	16	111	116	63	38	20	12
29	7.6	---	---	---	---	15	125	128	58	33	26	12
30	8.1	---	---	---	---	14	126	159	53	31	21	13
31	7.6	---	---	---	---	13	---	179	---	30	24	---
Total	557.3	---	---	---	---	---	1,545	4,298	3,854	1,292	807	504
Mean	18.0	---	---	---	---	---	51.5	139	128	41.7	26.0	16.8
Max	42	---	---	---	---	---	126	304	240	57	42	30
Min	7.6	---	---	---	---	---	11	55	53	29	15	12
Ac-ft	1,110	---	---	---	---	---	3,060	8,530	7,640	2,560	1,600	1,000

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